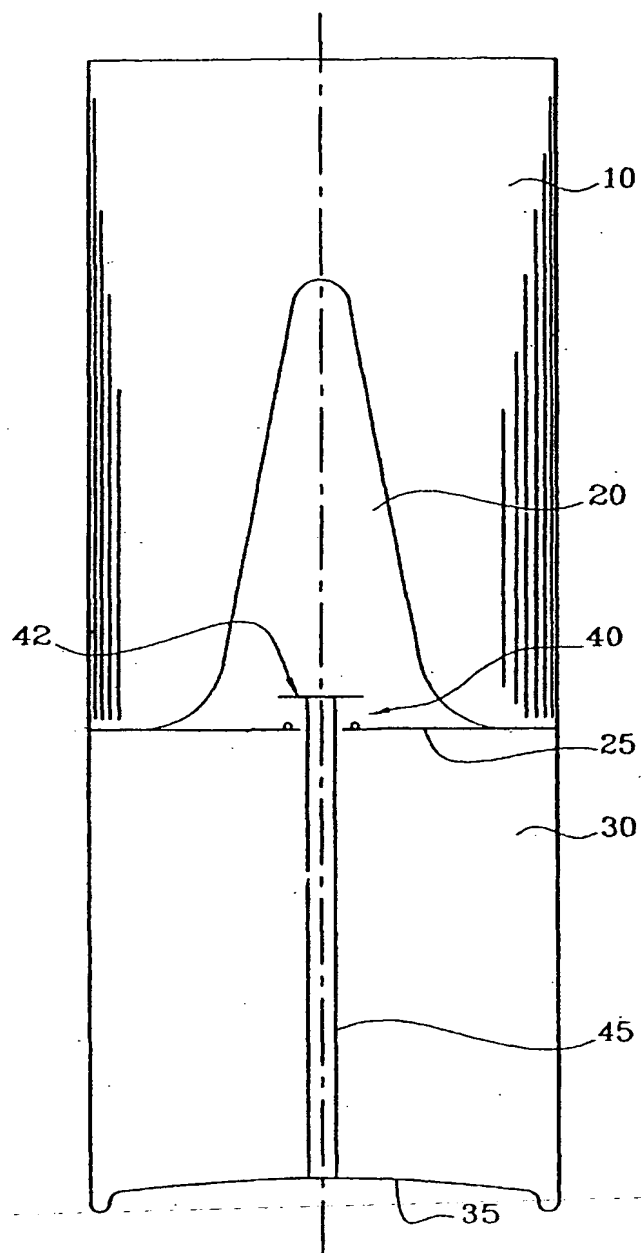
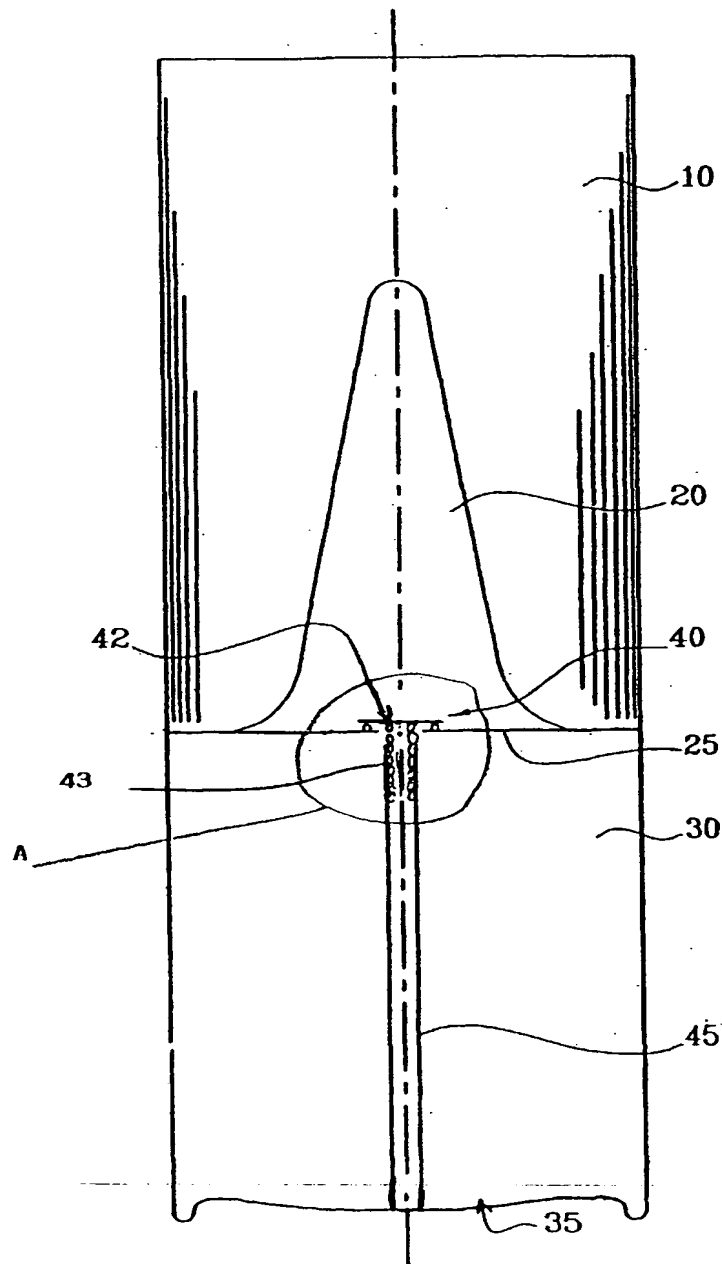


**Fig. 1 - Prior Art**



**Fig. 2a**



**Fig. 2b**

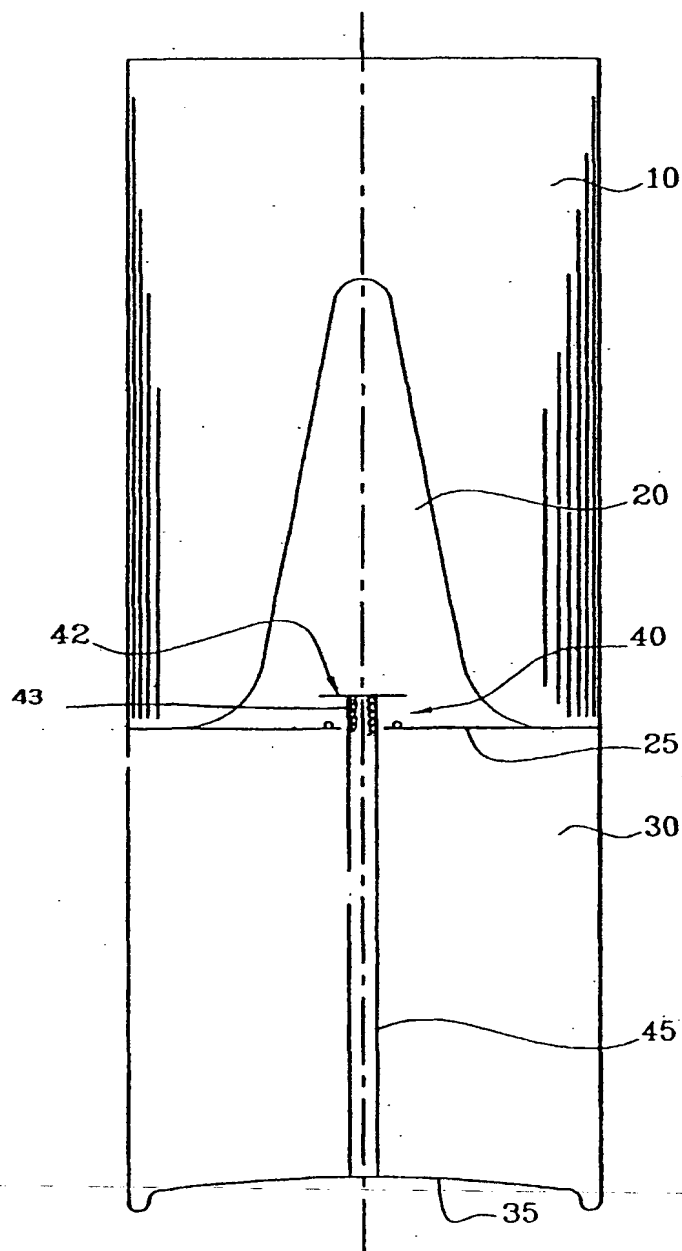
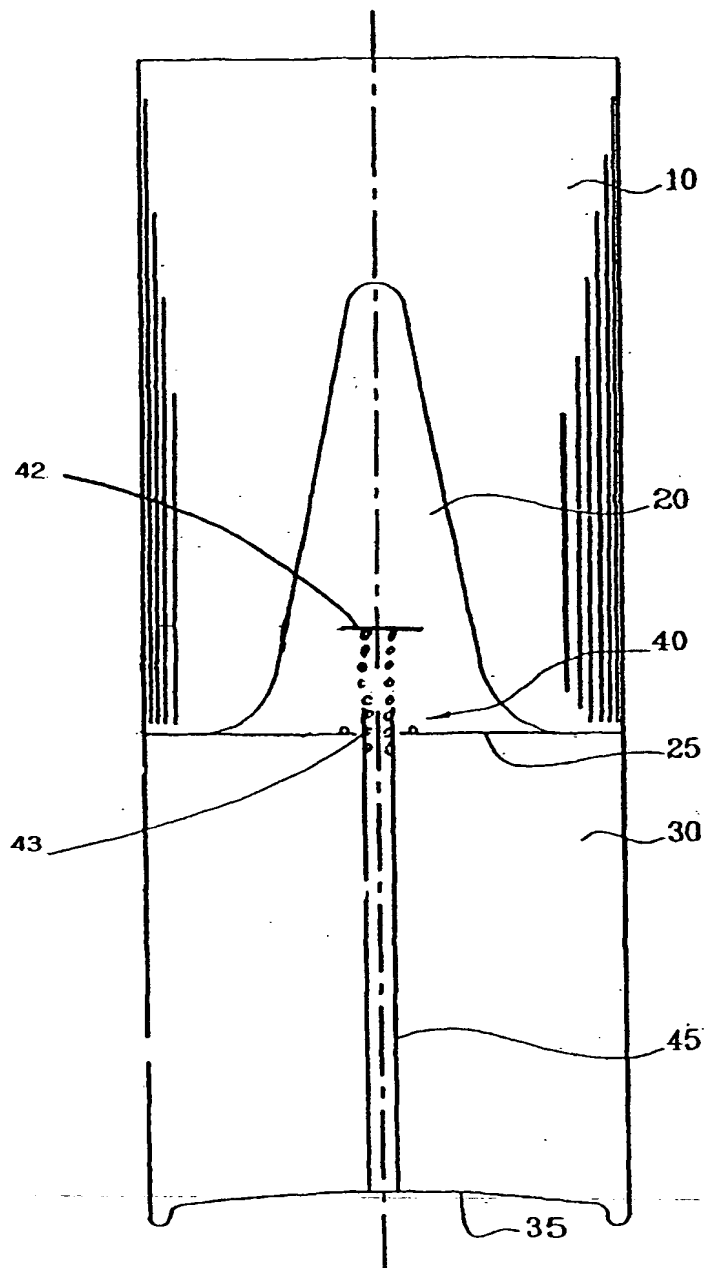
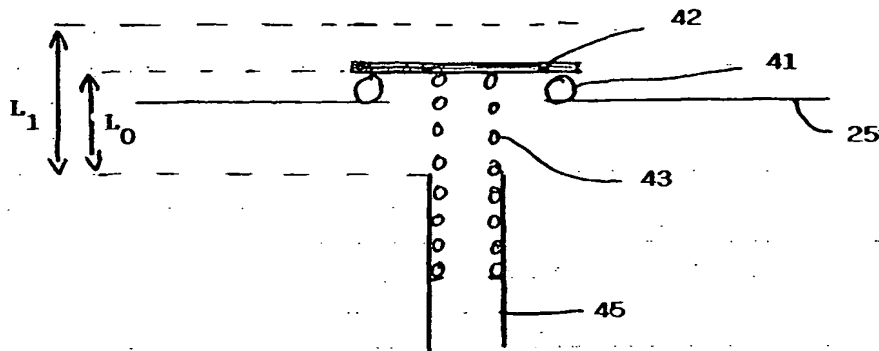


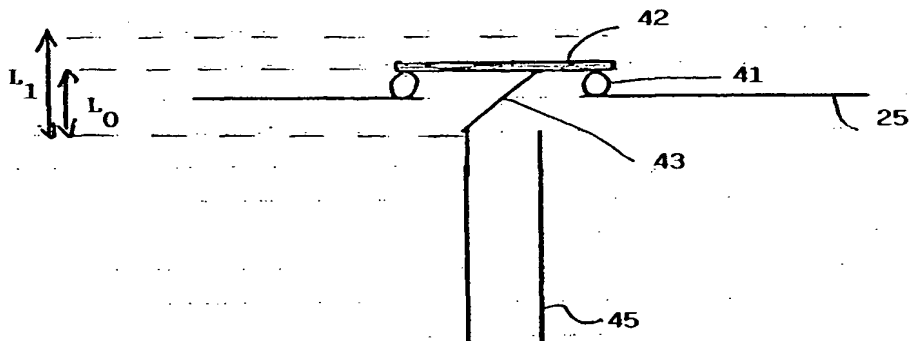
Fig. 2c



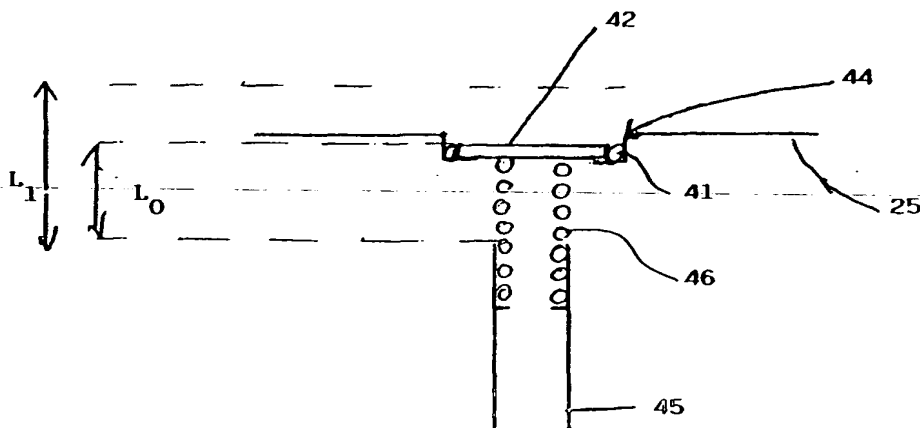
**Fig. 3 - View A**



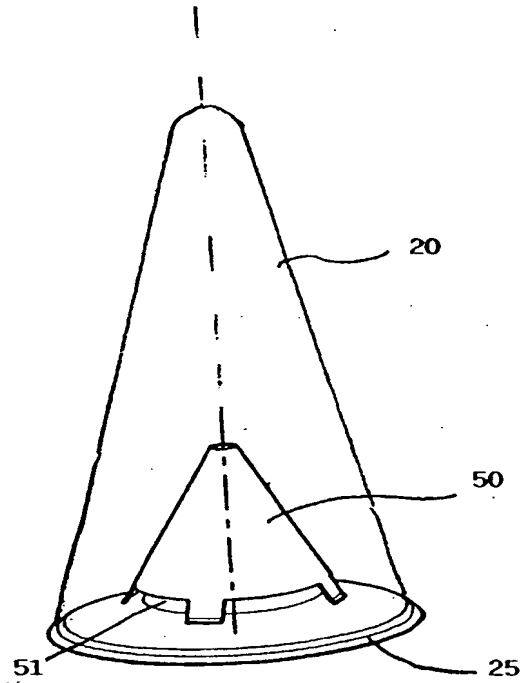
**Fig. 4**



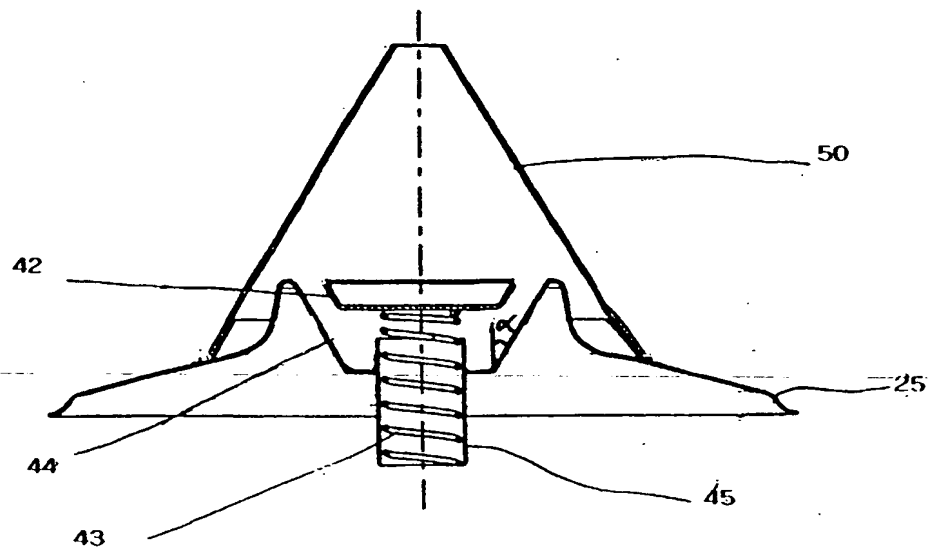
**Fig. 5**



**Fig. 6**

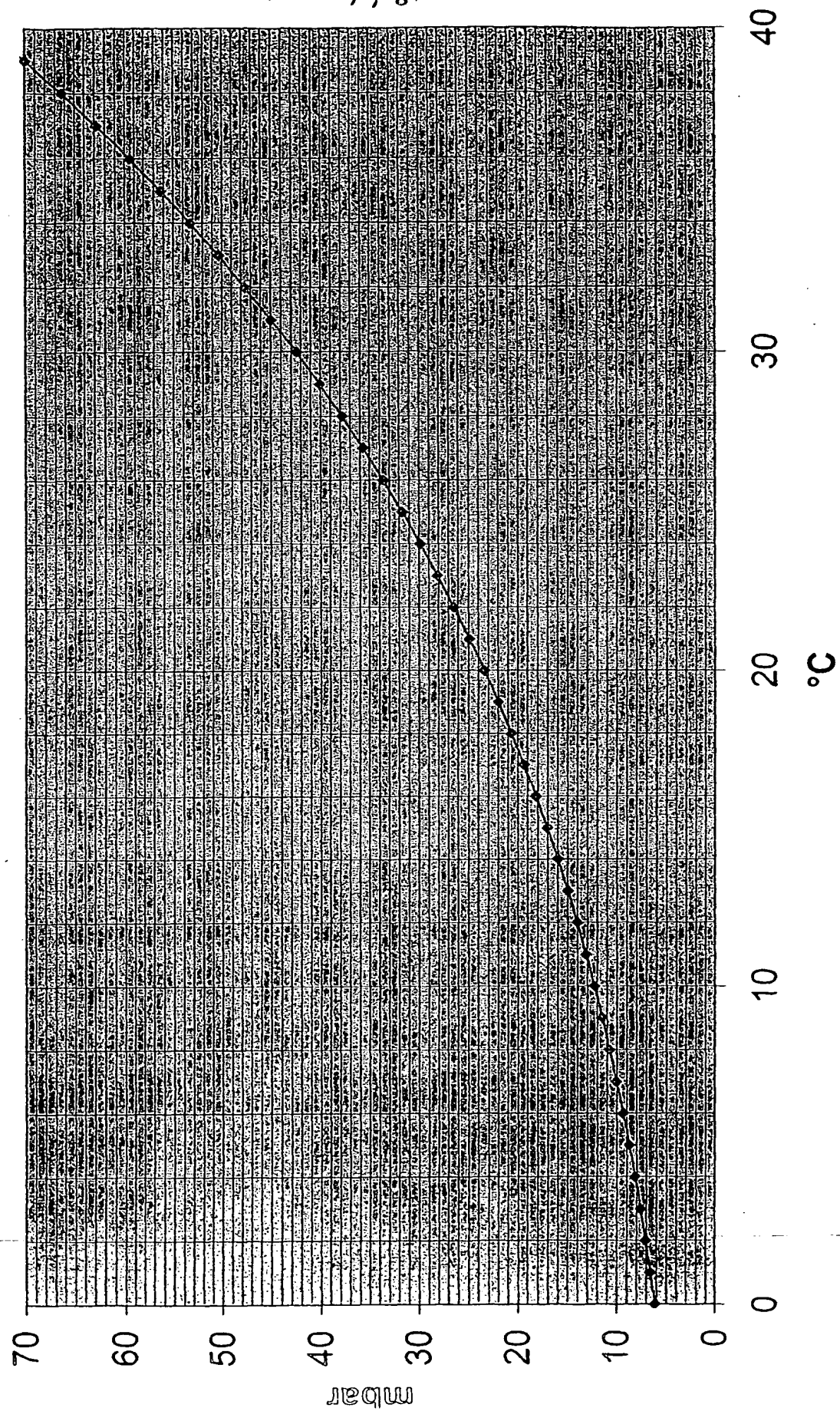


**Fig. 7**



Water vapor pressure

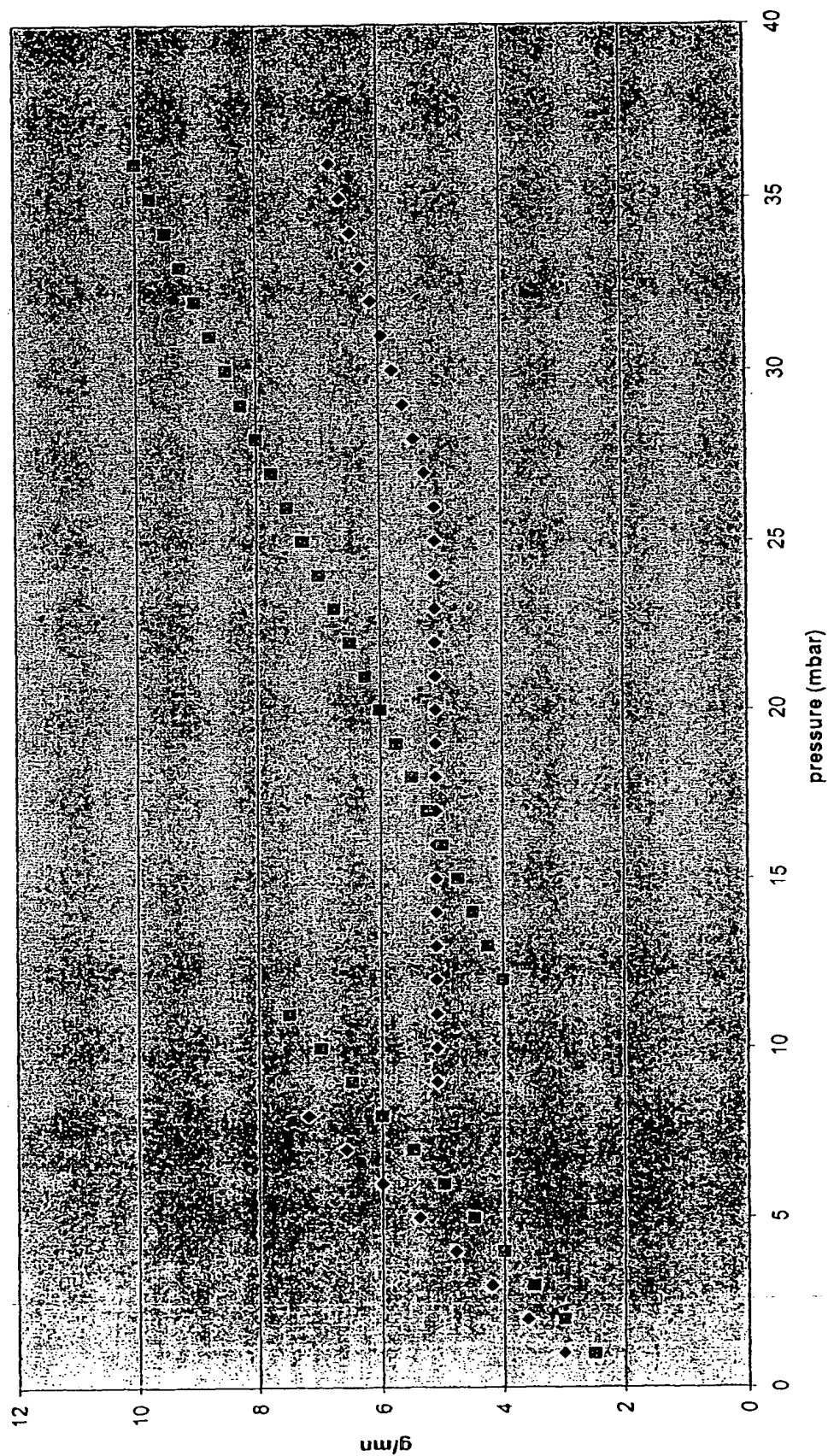
Fig. 8



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Fig. 9

Check valve flow rate



◆ progressive opening ■ two stroke opening

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